

# Napakiak Ircinraq Power Co. Purchased Power Update

Date: June 2, 2022

Utility Name (Cert. No.) <b>Napakiak Ircinraq Power Company (319)</b>	Utility File No. <b>PC104-0121C</b>	Date Filed: <b>May 10, 2022</b>
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PCE AMOUNT SUMMARY	Previously Approved PC104-0121B	Staff Recommended Amount(s) and Effective Date PC104-0121C
Class Rate	<u>Date Approved:</u> March 4, 2022	June 3, 2022
Residential	\$0.2584	\$0.2581
Community Facilities	\$0.2584	\$0.2581
<div style="display: flex; justify-content: space-around;"> <div> <input type="checkbox"/> Interim    <input checked="" type="checkbox"/> Permanent </div> <div> <input type="checkbox"/> Interim    <input checked="" type="checkbox"/> Permanent </div> </div>		

Prior Power Purchase Price: <u>\$0.2771</u>	New Power Purchase Price: <u>\$0.2769</u>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Signed: *Brenda Cox*  
Brenda Cox

Utility Financial Analyst

## Commission decision re. this recommendation :

	Date (if different from 6/2/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Doyle				
Kurber		<i>KKI</i>		
Sullivan		<i>AL</i> DS		
Wilson		<i>JWW</i> JWW		

\*If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

# Napaklak Ircinraq Power Co.

APPENDIX 1

POWER COST EQUALIZATION CALCULATION  
FOR THE PERIOD ENDING October 31, 2020  
**Purchase Power Update**

	PC104-0121B	PC104-0121C	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Purchased	778,841	778,841	778,841
B. Total kWh Sold (Appendix 2)	747,914	747,914	747,914
C. Total Non-Fuel Costs (Appendix 2)	137,380	137,380	137,380
<b>D. Non-Fuel Cost/kWh (C / B)</b>	<b>\$0.1837</b>	<b>\$0.1837</b>	<b>\$0.1837</b>
E. Total Fuel/Power Costs (Appendix 2)	215,817	215,661	215,661
<b>F. Fuel/ Power Costs/kWh (E / B)</b>	<b>\$0.2886</b>	<b>\$0.2883</b>	<b>\$0.2883</b>
G. Eligible Costs/kWh (D + F)	\$0.4723	\$0.4720	\$0.4720
H. Eligible Cost/kWh (G) less base rate in effect	\$0.2720	\$0.2717	\$0.2717
I. Lesser of (H) or 79.97 cents/kWh	\$0.2720	\$0.2717	\$0.2717
J. Average Class Rates (Appendix 3)			
Residential	\$0.5657	\$0.5657	\$0.5657
Community Facilities	\$0.5657	\$0.5657	\$0.5657
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.2584	\$0.2581	\$0.2581
Community Facilities	\$0.2584	\$0.2581	\$0.2581
<b>L. Funding Level in Effect</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
<b>Residential</b>	<b>\$0.2584</b>	<b>\$0.2581</b>	<b>\$0.2581</b>
<b>Community Facilities</b>	<b>\$0.2584</b>	<b>\$0.2581</b>	<b>\$0.2581</b>

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Appendix 1

# Napaklak Ircinraq Power Co.

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY  
FOR THE PERIOD ENDING October 31, 2020

## Purchase Power Update

	PC104-0121B		PC104-0121C
	Prior Commission Approval	Utility Request	Per Staff
<b>Non-Fuel Costs:</b>			
A. Personnel Expenses	63,194	63,194	63,194
B. Operating Expenses	8,925	8,925	8,925
C. General & Administrative	51,785	51,785	51,785
D. Depreciation Expense	13,476	13,476	13,476
E. Interest Expense	-	-	-
<b>F. Total Non-Fuel Costs</b>	<b>\$137,380</b>	<b>137,380</b>	<b>137,380</b>
<b>Fuel Costs:</b>			
G. kWh purchased from AVEC During Test Year	778,841	778,841	778,841
H. AVEC power cost Weighted average cost per kWh	\$0.2771	\$0.2769	\$0.2769
<b>Total Cost of Fuel/Power</b>	<b>\$215,817</b>	<b>\$215,661</b>	<b>\$215,661</b>
I. kWh Sales	747,914	747,914	747,914
J. kWh Station Service	0	0	0
K. Line Loss ≤ 12%	3.97%	3.97%	3.97%

(purchased power- (kWh sold + Station Service))/purchased power

### Weighted Average Cost of Purchased Power:

Purchased Power Cost: 214,109.47

Divided by kWh Purchased: 773,336

Avg Cost per kWh: 0.2769

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Appendix 2

# Napaklak Ircinraq Power Company

Appendix 3

## Calculation of Average Class Rate per kWh

Rate Schedule: ALL

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003
500	0.7660	0.0000	0.7660	383.00	0.7660	0.5657
500				383.00	0.7660	0.5657
TOTAL (A)						(E)

## Computation of Community Facilities Average Rate

Rate Schedule: ALL

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
0 to ∞	0.7660	0.0000	0.7660	0.5657
Next to				
Next to				
Next to				

# Napakiak Ircinraq Power Company

Power Purchases From  
Alaska Village Electric Cooperative  
4631 Eagle St.  
Anchorage, AK 99503-7431

Napakiak Ircinraq Power Company

Month	kWh Purchased	Elec Serv Chg	Demand Chg	Fuel Cost Chg	Customer Serv Chg	Other	Total
5/21	52,546	105.09	4,108.22	9,862.88	45.00	847.27	14,968.46
6/21	52,515	105.03	4,108.22	9,920.08	45.00	850.70	15,029.03
7/21	46,797	93.59	4,108.22	8,839.95	45.00	785.21	13,871.97
8/21	57,633	115.27	4,108.22	10,886.87	45.00	909.32	16,064.68
9/21	60,176	120.35	4,108.22	11,367.25	45.00	938.45	16,579.27
10/21	63,047	126.09	4,108.22	16,575.06	45.00	1,251.26	22,105.63
11/21	81,869	163.74	4,685.42	21,523.36	45.00	1,585.05	28,002.57
12/21	78,185	156.37	4,685.42	20,554.84	45.00	1,526.50	26,968.13
1/22	72,994	145.99	4,099.58	19,876.27	45.00	1,450.01	25,616.85
2/22	75,222	150.44	4,099.58	20,482.95	45.00	1,486.68	26,264.65
3/22	70,787	141.57	3,982.62	19,275.30	45.00	1,406.67	24,851.16
4/22	61,565	123.13	3,982.62	16,764.15	45.00	1,254.89	22,169.79
	773,336	1,546.66	50,184.56	185,928.96	540.00	14,292.01	252,492.19

Purchased Power Cost: \$214,109.47

Divided by kWh Purchased: 773,336

Avg Cost/kWh \$0.2769

Signature: 

Email: bob.pickett@alaska.gov

Signature: 

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Signature: 

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